



ENGINEERED METAL ROOFING SYSTEMS

2.0" Mechanical Seam Standing Seam

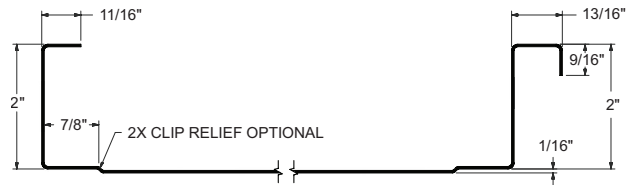
Panel Information:

Panel Type:	Standing Seam
Panel Seam:	Mechanical
Panel Width:	18" (Steel) / 16" (Aluminum)
Seam Height:	2.0"
Panel Material:	22 GA - 24 GA Min, .040
Panel Surface:	Smooth / Embossed Optional
Panel Clip:	Required Per Engineering
Minimum Slope:	2/12
Substrate:	Open Framing *, Plywood, B-Deck, B-Deck w/ISO



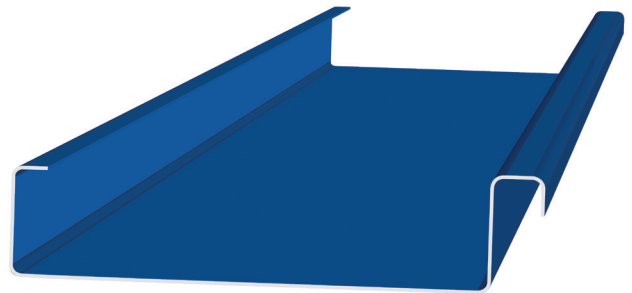
Panel Testing:

Uplift Resistance:	ASTM E 1592 *, UL 580, UL 1897, UL 90
Air Infiltration:	ASTM E 1680
Wind Driven Rain:	TAS 100
Water Penetration:	ASTM E 1646
Water Submersion:	ASTM E 2140
Foot Traffic:	FM 4471 *
Hail Rating:	Class 4 Impact UL 2218
Fire Rating:	UL Class A
Texas Department of Insurance Approval:	RC-383 *, RC-384 *, RC-385 *, RC-390 *
FBC HVHZ & Non-HVHZ Approval:	FL18316



Panel Notes:

- With this panel engineering, you may opt to use heavier gauge coil and narrower width panels. Clip spacing will not change.
- For slopes lower than a 2/12 roof pitch, contact SMI Technical Department for further installation requirements.
- This panel uses a 24" coil (Steel) / 22" coil (Aluminum).
- This panel uses 5-13/16" of material to form the panel.
- If you take the square footage of the roof and multiply that by 1.34, the total will be the amount of coil needed to manufacture the panels.
- Clip Relief, Bead Ribs, Striations, and Pencil Ribs do not affect the engineering or function.
- This panel is approved for Weathertight Warranties.



* Available in steel only.